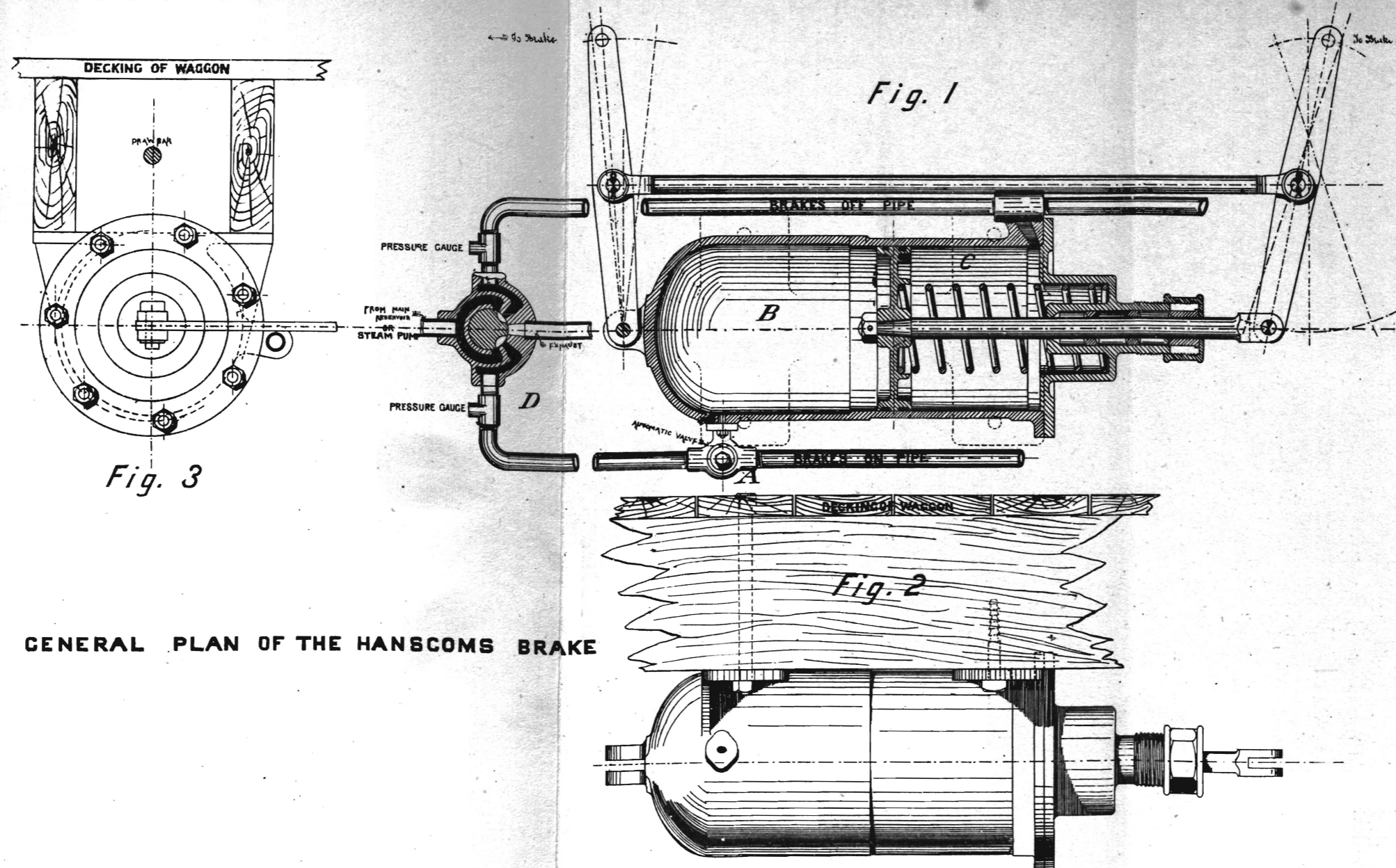


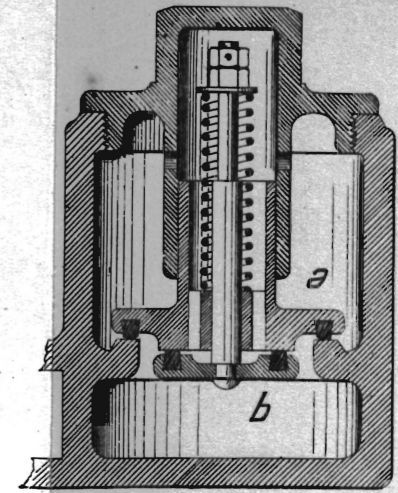
DESCRIPTION OF PLATE VIII.

Fig. 1 is a sectional plan of a Hanscom Brake, as fitted to a goods wagon; Fig 2 a side elevation of same, and Fig. 3 an end view. In these three views, A is the automatic valve on "the brake on" pipe, B the chamber or reservoir, and C the bored cylinder for piston; D is the circular slide valve on driver's valve, the details explaining themselves.

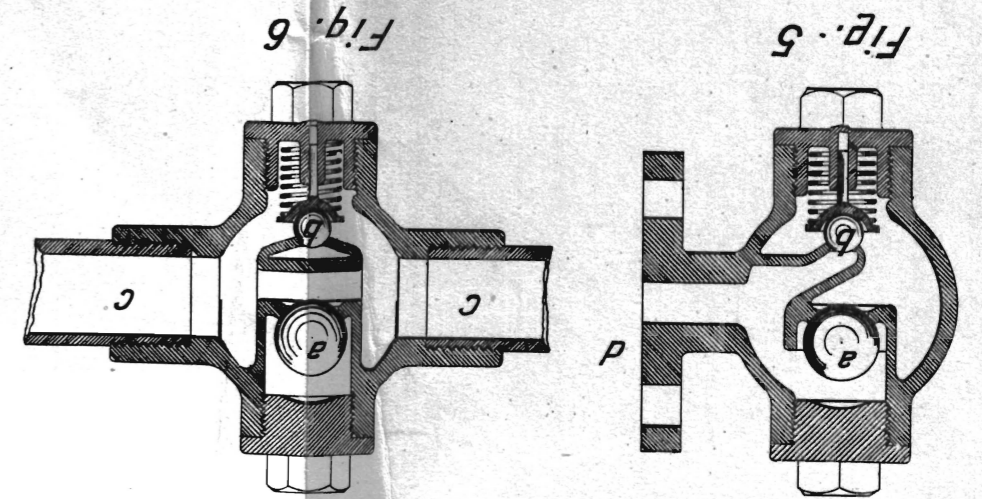
Fig. 4 represents Mr. Hanscom's original valve for A on Fig. 1, and Figs. 5 and 6 Mr. Selfe's modification of same; a is the large valve to allow air into B to put on the brake and retain it; b is the small valve kept closed by a spring so as always to retain pressure in B for automatic application in case of a break away.



GENERAL PLAN OF THE HANSCOMS BRAKE



MR HANSCOMS ORIGINAL VALVE



MODIFICATION OF VALVE BY MR. SELFE.

*Figs 5. & 6 are printed upside down by mistake*